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FORM PTO-1449 <u>THIRD SUPPLEMENTAL INFORMATION</u> <u>DISCLOSURE STATEMENT</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">ATTY. DOCKET NO. 1875.0200000</td> <td style="width:50%;">APPLICATION NO. 09/742,366</td> </tr> <tr> <td colspan="2">APPLICANT Khan <i>et al.</i></td> </tr> <tr> <td>FILING DATE December 22, 2000</td> <td>GROUP 2811</td> </tr> </table>	ATTY. DOCKET NO. 1875.0200000	APPLICATION NO. 09/742,366	APPLICANT Khan <i>et al.</i>		FILING DATE December 22, 2000	GROUP 2811
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APPLICANT Khan <i>et al.</i>							
FILING DATE December 22, 2000	GROUP 2811						

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>M</i>	AA1	5,045,921 •	09/1991	Lin <i>et al.</i>			
<i>M</i>	AB1	5,397,917 •	03/1995	Ommen <i>et al.</i>			
<i>M</i>	AC1	5,490,324 •	02/1996	Newman			
<i>M</i>	AD1	5,578,869 •	11/1996	Hoffman <i>et al.</i>			
<i>M</i>	AE1	5,642,261 •	06/1997	Bond <i>et al.</i>			
<i>M</i>	AF1	5,648,679 •	07/1997	Chillara <i>et al.</i>			
<i>M</i>	AG1	5,796,170 •	08/1998	Marcantonio			
<i>M</i>	AH1	5,798,909 •	08/1998	Bhatt <i>et al.</i>			
<i>M</i>	AI1	5,843,808 •	12/1998	Karnezos			
<i>M</i>	AJ1	5,889,324 •	03/1999	Suzuki			
<i>M</i>	AK1	5,903,052 •	05/1999	Chen <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>M</i>	AL1	10-189835 •	07/1998	Japan	H01L	23/24	Yes No
<i>M</i>	AM1	10-247703 •	09/1998	Japan	H01L	23/12	Yes No
<i>M</i>	AN1	2000-286294 •	10/2000	Japan	H01L	21/60	Yes No
<i>M</i>	AO1	10-50877 •	02/1998	Japan	H01L	23/12	Yes No
<i>M</i>	AP1	61-49446 •	03/1986	Japan	H01L	23/36	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>M</i>	AR	1	English-language Abstract of JP 10-189835, published July 21, 1998, 2 pages (last visited March 14, 2003).
<i>M</i>	AS	1	English-language Abstract of JP 10-247703, published September 14, 1998, 1 page. •
<i>M</i>	AT	1	English-language Abstract of JP 2000-286294, published October 13, 2000, 2 pages (last visited March 14, 2003). •

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EXAMINER <i>Nitin Parikh</i>	DATE CONSIDERED <i>09/04/03</i>
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FORM PTO-1449

THIRD SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENTATTY. DOCKET NO.
1875.0200000APPLICATION NO.
09/742,366APPLICANT
Khan *et al.*FILING DATE
December 22, 2000GROUP
2811

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<input checked="" type="checkbox"/>	AA2	5,999,415 •	12/1999	Hamzehdoost			
<input checked="" type="checkbox"/>	AB2	6,028,358 •	02/2000	Suzuki			
<input checked="" type="checkbox"/>	AC2	6,057,601 •	05/2000	Lau <i>et al.</i>			
<input checked="" type="checkbox"/>	AD2	6,122,171 •	09/2000	Akram <i>et al.</i>			
<input checked="" type="checkbox"/>	AE2	6,140,707 •	10/2000	Plepys <i>et al.</i>			
<input checked="" type="checkbox"/>	AF2	6,212,070 B1 •	04/2001	Atwood <i>et al.</i>			
<input checked="" type="checkbox"/>	AG2	6,242,279 B1 •	06/2001	Ho <i>et al.</i>			
<input checked="" type="checkbox"/>	AH2	6,380,623 B1 •	04/2002	Demore			
<input checked="" type="checkbox"/>	AI2	2002/0053731 A1 •	—	Chao <i>et al.</i>	257	706	06/15/2001
<input checked="" type="checkbox"/>	AJ2	2002/0072214 A1 •	—	Yuzawa <i>et al.</i>	438	613	11/13/2001
<input checked="" type="checkbox"/>	AK2	2002/0096767 A1 •	—	Cote <i>et al.</i>	257	738	01/25/2001

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<input checked="" type="checkbox"/>	AL2	2001-68512	03/2001	Japan	H01L	21/60	Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<input checked="" type="checkbox"/>	AR	2	English-language Abstract of JP 10-50877, published February 20, 1998, 1 page (last visited October 2, 2002. •
<input checked="" type="checkbox"/>	AS	2	English-language Abstract of JP 61-49446, published March 11, 1986, 1 page. •
<input checked="" type="checkbox"/>	AT	2	Kamezos, M., "An EPBGA Alternative," <i>Advanced Packaging</i> , June 1998, pages 90, 92, 94, and 96. •

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<i>W</i>	AA3	2002/0098617 A1 •	—	Lee <i>et al.</i>	438	106	09/18/2001
<i>W</i>	AB3	2002/0180040 A1 •	—	Camenforte <i>et al.</i>	257	738	05/30/2001
<i>W</i>	AC3	09/783,034	—	Khan <i>et al.</i>	—	—	02/15/2001
<i>W</i>	AD3	09/849,537	—	Zhang <i>et al.</i>	—	—	05/07/2001
<i>W</i>	AE3	10/020,207	—	Khan <i>et al.</i>	—	—	12/18/2001
<i>W</i>	AF3	3,790,866 •	02/1974	Meyer <i>et al.</i>			
<i>W</i>	AG3	5,438,216 •	08/1995	Juskey <i>et al.</i>			
<i>W</i>	AH3	5,583,378 •	12/1996	Marrs <i>et al.</i>			
<i>W</i>	AI3	5,736,785 •	04/1998	Chiang <i>et al.</i>			
<i>W</i>	AJ3	5,801,432 •	09/1998	Rostoker <i>et al.</i>			
<i>W</i>	AK3	5,953,589 •	09/1999	Shim <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AR	3	Zhao, Z., Ph.D., "Thermal Design and Modeling of Packages," <i>IEEE Short Courses</i> , Broadcom Corporation, October 25, 2000, 95 pages.
<i>W</i>	AS	3	Zhao, Z., Ph.D., "IC Package Thermal Issues and Thermal Design," ASAT, Inc., January 14, 2000, 98 pages, presented at 2 nd International Icepak User's Group Meeting, Palo Alto, CA, on February 7, 2000. •
<i>W</i>	AT	3	Schuessler, R.D. <i>et al.</i> , "Performance and Reliability of a Cavity Down Tape BGA Package," <i>IEEE/CPMT Electronic Packaging Technology Conference</i> , IEEE, 1997, pages 151-162. •

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Witni Paruk

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<i>M</i>	AA4	5,972,734 •	10/1999	Carichner <i>et al.</i>			
<i>A</i>	AB4	6,069,407 •	05/2000	Hamzehdoost			
<i>N</i>	AC4	6,114,761 •	09/2000	Mertol <i>et al.</i>			
<i>A</i>	AD4	6,117,797 •	09/2000	Hembree			
<i>N</i>	AE4	6,347,037 B2 •	02/2002	Iijima <i>et al.</i>			
<i>N</i>	AF4	6,362,525 B1 •	03/2002	Rahim			
<i>N</i>	AG4	6,184,580	02/2001	Lin			
<i>N</i>	AH4						
<i>N</i>	AI4						
<i>N</i>	AJ4						
<i>N</i>	AK4						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>N</i>	AR	4	Copy of International Search Report for Application No. PCT/US01/44952, mailed January 22, 2003. *
<i>N</i>	AS	4	English-language Abstract of JP 2001-68512, published March 16, 2001, 1 page. •
<i>N</i>	AT	4	

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